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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000, provides for continued examination of a utility or plant application filed on or after June 8, 1995. See the American Inventors Protection Act of 1999 (AIPA).

Application Number	09/840,577
Filing Date	April 23, 2001
First Named Inventor	Oliver Heid
Group Art Unit	2862
Examiner Name	D. Vargas
Attorney Docket Number	P01,0139-01

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

**NOTE:** 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53 (d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application Practice, Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.

## 1. Submission required under 37 C.F.R. § 1.114

a. ☐ Previously submitted

i. ☒ Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on \_\_\_\_\_  
(Any unentered amendment(s) referred to above will be entered).

ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on \_\_\_\_\_

iii. ☐ Other \_\_\_\_\_

b. ☒ Enclosed

i. ☒ Amendment/Reply

ii. ☐ Affidavit(s)/Declaration(s)

iii. ☐ Information Disclosure Statement (IDS)

iv. ☐ Other \_\_\_\_\_

## 2. Miscellaneous

a. ☐ Suspension of Action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(i) required)

b. ☐ Other \_\_\_\_\_

## 3. Fees

The RCE under 37 C.F.R. § 1.114 when the RCE is filed.

a. ☐ The director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 501519.

i. ☐ RCE fee required under 37 C.F.R. § 1.17(e)

ii. ☐ Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)

iii. ☐ Other \_\_\_\_\_ 06/19/2003 AWONDAF1 00000008 09840577

b. ☒ Check in the amount of \$750.00 enclosed 01 FC:1801

750.00 0P

c. ☐ Payment by credit card (Form PTO 2038 enclosed)

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print/Type)

STEVEN H. NOLL

Registration No. Attorney/Agent) 29982

Signature

*Steven H. Noll*

Date

June 16, 2003

## CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, Box RCE, Washington, DC 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on:

Name (Print/Type)

STEVEN H. NOLL

Signature

*Steven H. Noll*

Date

June 16, 2003

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND Fees and Completed Forms to the following address: Assistant Commissioner for Patents, Box RCE, Washington, DC 20231.



# 13/c  
V. B. B. B.  
6/27/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

AMENDMENT "C" ACCOMPANYING FILING OF RCE

APPLICANT: Oliver Heid GROUP ART UNIT: 2862  
SERIAL NO.: 09/840,577 EXAMINER: D. Vargas  
FILED: April 23, 2001 CONFIRMATION NO.: 3801  
TITLE: "ELECTRICAL COIL"

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

S I R:

In response to the Office Action dated March 19, 2003, Applicant herewith amends the application as follows:

IN THE CLAIMS

1. (Twice amended) An electrical coil suitable for use as a gradient coil for a magnetic resonance apparatus, comprising:

at least one electrical conductor configured in a coil pattern;

a carrier structure formed by a resin casting for said electrical conductor which fixes said coil pattern of said electrical conductor in a predetermined arrangement configuration;

- a cooling device component; and

a non-resinous heat insulator disposed between at least one section of said conductor and said carrier structure.